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"We build brains; use ours to help yours"

May 17, 2002

Commissioner For Patent  
Initial Patent Examination Division  
United States Patent and Trademark Office  
Washington, D. C. 20231

(703) 308-1212

Reference:

**Application Number: 10/078,299**

**Filing/Receipt Date: 02/20/2002**

**First Named Applicant: Ying Liu**

**Confirmation No. 3371**

Dear Sir:

Two copies of the paper portion are resubmitted.

I have made the corrections according to your instructions and I hope this will meet the requirements for filing the application. In particular:

☒ Claims on a separate sheet

Claims have been put on a separate sheet.

☒ Line Spacing: Specification, claims, or abstract must be 1-1/2 or double-spaced.

Line Spacing for the entire document, including specification, claims, and abstract are now 1-1/2 line spaced.

☒ Drawing contains excessive text

All drawings containing excessive text have been eliminated.

☒ Abstract on a Separate sheet

Abstract has been put on a Separate sheet.

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☒ CD contains non-ASCII files

- A. A new set of two disks containing only three ASCII files is being submitted.
- B. A statement, "Each disk in the duplicate set is identical", is stated twice in Section "Sample Implementation" and Appendix A.
- C. The contents of the CD are listed twice in Section "Sample Implementation" and Appendix A.

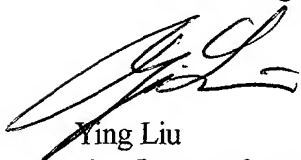
☒ Identify the Disk Contents on Paper

1. For each of the two sets of CDs already submitted, the role is explained twice in Section "Sample Implementation" and Appendix A.
2. The Operating System Compatibility is addressed.
3. A statement, "Each disk in the duplicate set is identical", is stated twice in Section "Sample Implementation" and Appendix A.
4. Each CD has a list of files contained on the CDs, including name, size in bytes, date of creation, and the "Description" Key word, which identifies and interprets the roles of these files.
5. Detailed interpretations of the files are given.
6. In the paper portion of the specification, a new section, "Sample Implementation" is added. The Appendix A is also expanded. Both give extensive descriptions on the CDs, the file list, the roles of these files, and how to use the CD to test the proposed algorithm.

☒ Additional Claim fee of \$336

A check of \$336 is attached.

With Kindest Regards,



Ying Liu  
ying@attrasoft.com

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
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10/078,299

02/20/2002

Ying Liu

Ying Liu, Ph.D.  
1020 PineNeedle Dr.  
Savannah, GA 31410



CONFIRMATION NO. 3371

## FORMALITIES LETTER



\*OC000000008021727\*

Date Mailed: 05/03/2002

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- The Claim(s) commencing on a separate sheet (37 CFR 1.75(h)).
- A substitute specification in compliance with 37 CFR 1.52 because:
  - Line spacing on the specification, claims, or abstract is not 1-1/2 or double spaced (See 37 CFR 1.52(b)).
- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawings contain excessive text. Suitable descriptive legends may be used, or may be required by the Examiner where necessary for understanding of the drawing but should contain as few words as possible ( see 37 CFR 1.84(o));
- Abstract must be on a separate sheet.
- The compact disc(s) submitted fail to comply with 37 CFR 1.52(e) in that they contain non-ASCII files. A new duplicate set of compact discs with only ASCII files is required. Any replacement compact disc submitted should be accompanied by a certification as required by 37 CFR 1.52(e) that each disc of a duplicate set is identical to the other disc of the set. If a directory of the disc could be printed, it is attached and non-ASCII files are marked on the directory listing.

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- This application is objected to because it contains a data file on CD-ROM/CD-R, however, the transmittal letter does not list for each compact disc, the machine format, the operating system compatibility, a list of files contained on the compact disc including their names, sizes in bytes, and dates of creation, plus any other special information that is necessary to identify, maintain, and interpret the information on the compact disc as required by 37 CFR 1.52(e)(3). A statement listing the required information is required. Additionally, the disc(s) is not identified in the paper portion of the specification with a listing of all of the files contained on the disc. When portions of an application are contained on a compact disc, the paper portion of the specification must identify the compact disc(s) and list the files including name, file size, and creation date on each of the compact discs. See 37 CFR 1.52(e). Applicant(s) are required to amend the specification to identify each disc and the files contained on the disc including the file name, file size, and file creation date.

**Items Required To Avoid Processing Delays:**

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- Additional claim fees of \$336 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$336 for a Small Entity

- Total additional claim fee(s) for this application is \$336
  - \$336 for 8 independent claims over 3.

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*A copy of this notice **MUST** be returned with the reply.*



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Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

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